



TROPICAL CYCLONE BULLETIN NR. 11

Typhoon HANNA (HAIKUI)

Issued at 11:00 AM, 02 September 2023

Valid for broadcast until the next bulletin at 5:00 PM today.

HANNA SLIGHTLY INTENSIFIES AS IT ACCELERATES WEST NORTHWESTWARD TOWARDS THE SEA EAST OF TAIWAN

Location of Center (10:00 AM)

The center of the eye of Typhoon HANNA was estimated based on all available data at **455 km East Northeast of Itbayat, Batanes (22.3°N, 125.9°E)**

Intensity

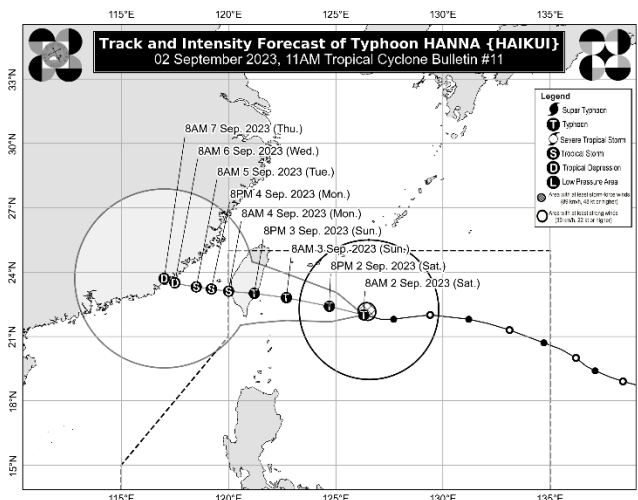
Maximum sustained winds of **130 km/h** near the center, gustiness of up to **160 km/h**, and central pressure of **970 hPa**

Present Movement

West Northwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **400 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 02 September 2023	22.4	124.7	345 km East Northeast of Itbayat, Batanes	130	TY	WNW 15
24-Hour Forecast 8:00 AM 03 September 2023	22.8	122.7	240 km North Northeast of Itbayat, Batanes	140	TY	WNW 20
36-Hour Forecast 8:00 PM 03 September 2023	23.0	121.2	255 km North Northwest of Itbayat, Batanes or in the vicinity of Taitung County, Taiwan	120	TY	W 15
48-Hour Forecast 8:00 AM 04 September 2023	23.1	120.0	320 km Northwest of Itbayat, Batanes	85	TS	W 10
60-Hour Forecast 8:00 PM 04 September 2023	23.2	119.2	380 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	85	TS	W Slowly
72-Hour Forecast 8:00 AM 05 September 2023	23.3	118.5	445 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	65	TS	W Slowly
96-Hour Forecast 8:00 AM 06 September 2023	23.5	117.5	540 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	55	TD	WNW Slowly
120-Hour Forecast 8:00 AM 07 September 2023	23.7	117.0	595 km Northwest of Itbayat, Batanes in the vicinity of Guangdong, China (OUTSIDE PAR)	45	TD	Almost stationary



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1	Batanes	-	-
Wind threat: Strong winds	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Forecast accumulated rainfall for tomorrow

- **50-100 mm:** Batanes

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

The Southwest Monsoon currently enhanced by HANNA and two other tropical cyclones outside the Philippine Area of Responsibility (SAOLA and KIROGI) will bring occasional to monsoon rains over the western portion of Luzon in the next three days. For more information, refer to **Weather Advisory #18 for Southwest Monsoon** issued at 11:00 AM today.

Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Minimal to minor impacts** from strong winds are also possible within any of the areas under Wind Signal No. 1.

The **enhanced Southwest Monsoon** will continue to bring **gusty conditions** over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today and tomorrow:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, and the northern portion of Eastern Visayas.
- **Monday:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, and most of Bicol Region, MIMAROPA, and Western Visayas.

HAZARDS AFFECTING COASTAL WATERS

A **Gale Warning is in effect** for the northern and western seaboard of Luzon, the eastern seaboard of Central and Southern Luzon, portions of seaboard of Northern Quezon, the southern seaboard of Southern Luzon, and the western seaboard of Visayas due to the combined influence of HANNA and the enhanced Southwest Monsoon. Disruption in civilian maritime activities is expected over these areas (e.g., suspension of sea travel) due to hazardous sea condition. For more information, refer to **Gale Warning #21** issued at 5:00 AM today.



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TRACK AND INTENSITY OUTLOOK

- HANNA is forecast to move west northwestward or westward while intensifying until it makes landfall along the east coast of southern Taiwan on late Sunday. Considerable weakening is expected as a result of HANNA crossing the rugged landmass of Taiwan. On the forecast track, HANNA will exit the Philippine Area of Responsibility and emerge over the Taiwan Strait around Monday morning or afternoon.
- Outside the PAR region, HANNA is forecast to move erratically and may even become slow-moving or almost stationary over the Taiwan Strait while continuously weakening due to land interaction and increasingly unfavorable environment. By Wednesday or Thursday, HANNA will have weakened into a tropical depression

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA